



**Fig. 2 ZHX3 represses promoter activity of the *HKII* gene stimulated by NF-Y in *Drosophila* SL2 cells**

Two  $\mu$ g of p*HKII*-Luc reporter plasmid was co-transfected with 100 ng of p*Pac*- $\beta$ -Gal, 75 ng of p*Pac* or 25 ng of p*Pac*NF-YA, 25 ng of p*Pac*NF-YB, and 25 ng of p*Pac*NF-YC with or without 200 ng of p*Pac*-ZHX3 into SL2 cells by a calcium phosphate method. Total DNA amount (2.375  $\mu$ g) was adjusted by the addition of the p*Pac* plasmid. Each column and error bar represents the mean and standard error of at least four separate transfection experiments. The data are presented as fold stimulation where the value of luciferase activity normalized to  $\beta$ -galactosidase activity for the reporter alone is set at 1.0.